M36D(86)-1

CURRENT INDUSTRIAL REPORTS

Electric Lamps

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U.S. Department of Commerce
BUREAU OF THE CENSUS

JANUARY 1986

M36D(86) 1
Issued April 1986

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of electric lamps (bulbs). Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information appears on page 2.

VALUE OF DOMESTIC SHIPMENTS OF SELECTED ELECTRIC LAMPS

(Thousands of dollars)

Month and year	Large incandescent (except photo)	General lighting (vapor), high intensity	Fluorescent hot cathode
1986			
January	88,051	19,911	49,306
1985			
Fourth quarter[1]	266,643	66,235	196,918
December[2]	70,377	22,541	65,011
November[2]	105,324	21,847	65,288
October[2]	90,942	21,847	66,619
Third quarter[1]	227,424	52,720	163,689
September[2]	90,923	19,609	61,089
August[2]	68,362	16,451	53,856
July[2]	68,139	16,660	48,744
Second quarter[1]	210,775	53,588	173,980
June[2]	68,380	17,789	58,234
May[2]	64,197	16,443	58,048
April[2]	78,198	19,356	57,698
First quarter[1]	261,441	57,490	167,137
March[2]	85,846	21,854	63,994
February[2]	86,252	17,411	51,958
January[2]	89,343	18,225	51,185
1984			
Fourth quarter[1]	281,783	68,109	187,030
December[2]	84,898	22,662	65,193
November[2]	86,507	22,564	59,862
October[2]	110,378	22,883	61,975
Third quarter[1]	232,754	53,986	163,270
September[2]	78,038	20,844	63,332
August[2]	78,939	16,079	52,490
July[2]	75,777	17,063	47,448

[1]Quarterly value of domestic shipments are based on a complete coverage survey for which results are published in Current Industrial Reports series MQ36B, Electric Lamps.

[2]Monthly data are adjusted on the basis of a complete coverage survey for which results are published in Current Industrial Reports series MQ36B, Electric Lamps.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Odelle S. Thomas (301) 763-2824.

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DESCRIPTION OF SURVEY

Scope of Survey. This survey covers manufacturers of electric lamps (bulbs only) in the United States.

Survey Methodology. The statistics shown in this publication were collected by mail on Bureau of the Census monthly Form M36D, Electric Lamps (Bulbs Only), from a sample of 3 companies accounting for approximately 95 percent of total United States output of electric lamps. The universe for this survey is the quarterly survey, MQ36B, Electric Lamps, to which estimates are benchmarked annually. The monthly sample was selected by arraying the quarterly survey panel in descending order by size for each product category and then choosing a sufficient number (beginning with the largest) to yield a coverage of approximately 95 percent for each product category. Data for the small companies included in the quarterly survey, but not selected for the monthly sample, are estimated based on their reported or derived quarterly data and the month-to-month trend of reporting companies.

Survey Error. Figures for the current month may include estimates for panel members for which reports were not received in time for tabulation. Such missing figures are "imputed" based on month-to-month movements shown by reporting firms. Imputation generally is limited to a maximum of 5 percent for any one data cell. Figures with imputation rates greater than 5 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The range of difference between the actual and imputed figures is not precisely known, but is assumed to be small. The degree of uncertainty regarding the accuracy of the published data, however, increases as the percentage of imputation increases. Figures with imputation rates above 5 percent should be used with caution.

Revisions to Previous Period Data. Statistics for previous months may be revised as the result of corrected data from respondents, including the receipt of late reports for which imputations were made as described above. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

Adjustment for Price Change. All dollar figures included in this publication are in current dollars; i.e., they have not been adjusted for price change.

EXPLANATION OF TERMS

Value of Shipments. Represents the value of physical shipments of all products sold, transferred to other plants of the same company, or shipped on consignment, whether for domestic or export sale or use. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges, and returns. Shipments to a company's own branches are assigned the same value as comparable sales to unaffiliated customers; i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture are excluded.

RELATED REPORTS

Complete coverage totals are collected and published on a quarterly basis in the series MQ36B, Electric Lamps. An annual report also is published in that series. The annual report summarizes the quarterly figures and incorporates known revisions for the current and previous year, thus providing a single reference copy to replace the monthly and quarterly publications.

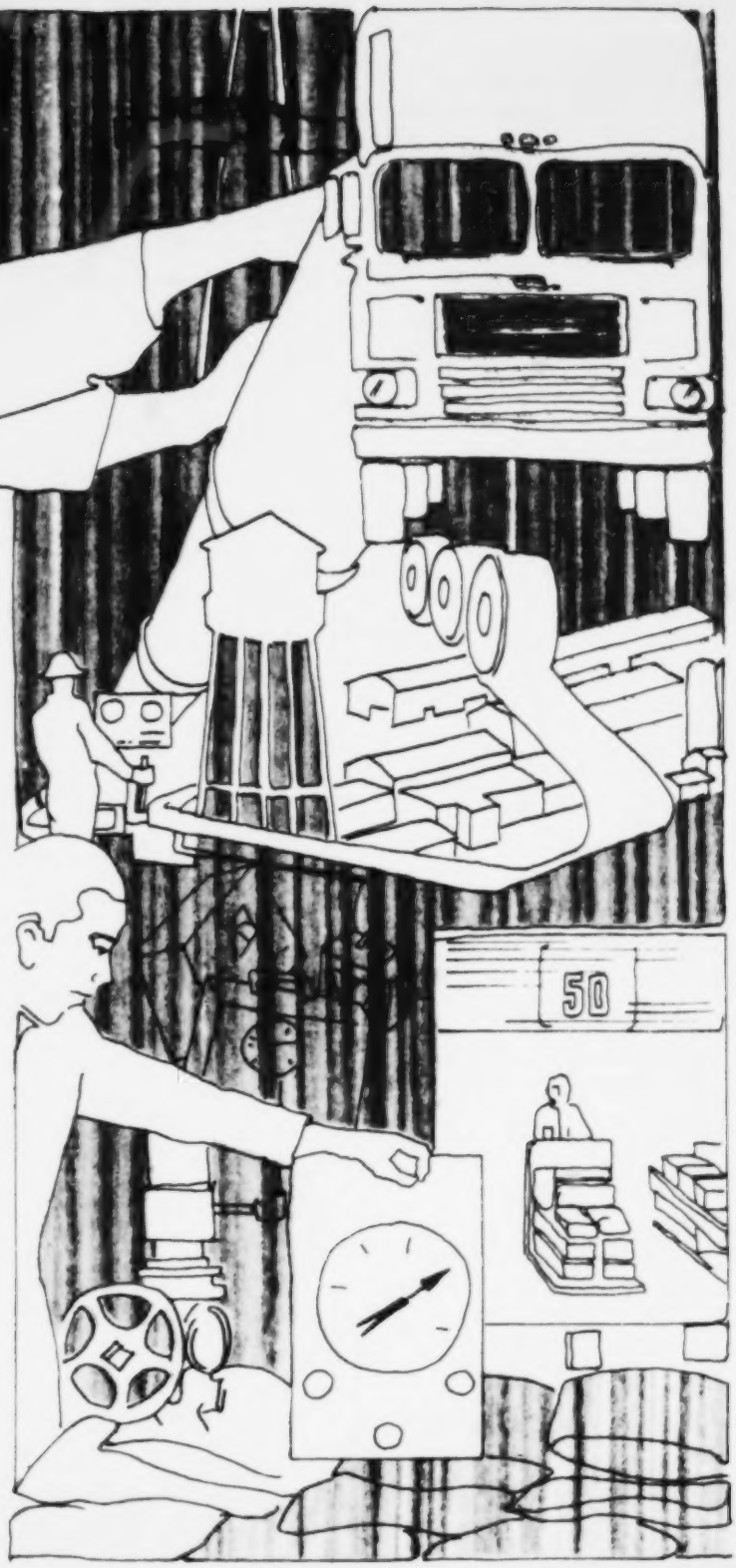
The Bureau of the Census publishes the following related reports:

Series	Frequency	Title
Current Industrial Reports		
MQ36B	Quarterly	*Electric Lamps*
MA36L	Annually	*Electric Lighting Fixtures*
Other Industry Reports		
M3-1	Monthly	*Manufacturers' Shipments, Inventories, and Orders*
(AS)	Annually	*Annual Survey of Manufactures (ASM)*
(MC)	Quinquennially	*Census of Manufactures*
Foreign Trade Reports		
EM 546	Monthly	*U.S. Exports*
IM 146	Monthly	*U.S. Imports*
IM 145-X	Monthly	*U.S. Imports for Consumption and General Imports*

CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M36D	Odelle S. Thomas	(301) 763-2824
Manufacturers' Inventories, and Orders	Ruth Runyan	(301) 763-2502
Census/ASM	Ted McGrath	(301) 763-5752
To order a Census Bureau publication	Customer Services (DUSD)	(301) 763-4100
Foreign Trade publication	Joyce Ware	(301) 763-5140
International Trade Administration	John Harris	(202) 377-1178

Current Industrial Reports



Keep up-to-date on U.S. industrial activity with Bureau of the Census data covering over 5,000 products which represent 40 percent of all U.S. manufacturing!

The Bureau of the Census issues a continuing series of more than 90 monthly, quarterly, and annual reports on industrial production, inventories, and orders. The Current Industrial Reports include data for industries in the following categories:

All Manufacturing Industries
- Manufacturers' Shipments, Inventories, and Orders
- Survey of Plant Capacity
- Pollution Abatement Costs and Expenditures

Food
Textile Mill Products
Apparel
Wood and Paper Products
Office Furniture, Supplies, and Related Products
Chemicals and Petroleum Products
Rubber and Plastics Products
Glass Products
Primary Metals
Machinery and Machinery Components
Industrial Equipment and Consumer Goods
Computer and Selected Electronic Products
Switchgear and Industrial Controls
Motors, Generators, and Electrical Distribution Equipment
Aerospace

For further information and a free order form, write to Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, DC 20233, or call (301) 763-4100.

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U.S. Department of Commerce
BUREAU OF THE CENSUS

FEBRUARY 1986

M36D(86)-2
Issued April 1986

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VALUE OF DOMESTIC SHIPMENTS OF SELECTED ELECTRIC LAMPS: 1984 TO 1986

(Thousands of dollars)

Month and year	Large incandescent (except photo)	General lighting (vapor), high intensity	Fluorescent hot cathode
1986			
February	84,976	19,212	57,565
January	88,051	19,911	49,306
1985			
Fourth quarter[1]	266,643	66,235	196,918
December[2]	70,377	22,541	65,011
November[2]	105,324	21,847	65,288
October[2]	90,942	21,847	66,619
Third quarter[1]	227,424	52,720	163,689
September[2]	90,923	19,609	61,089
August[2]	68,362	16,451	53,856
July[2]	68,139	16,660	48,744
Second quarter[1]	210,775	53,588	173,980
June[2]	68,380	17,789	58,234
May[2]	64,197	16,443	58,048
April[2]	78,198	19,356	57,698
First quarter[1]	261,441	57,490	167,137
March[2]	85,846	21,854	63,994
February[2]	86,252	17,411	51,958
January[2]	89,343	18,225	51,185
1984			
Fourth quarter[1]	281,783	68,109	187,030
December[2]	84,898	22,662	65,193
November[2]	86,507	22,564	59,862
October[2]	110,378	22,883	61,975
Third quarter[1]	232,754	53,986	163,270
September[2]	78,038	20,844	63,332
August[2]	78,939	16,079	52,490
July[2]	75,777	17,063	47,448

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CURRENT INDUSTRIAL REPORTS

Electric Lamps

U.S. Department of Commerce
BUREAU OF THE CENSUS

MARCH 1986

M36D(86)-3
Issued May 1986

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VALUE OF DOMESTIC SHIPMENTS OF SELECTED ELECTRIC LAMPS: 1984 TO 1986

(Thousands of dollars)

Month and year	Large incandescent (except photo)	General lighting (vapor), high intensity	Fluorescent hot cathode
1986			
First quarter	252,970	62,571	173,377
March	79,943	23,448	66,506
February	84,976	19,212	57,565
January	88,051	19,911	49,306
1985			
Fourth quarter[1]	266,643	66,235	196,918
December[2]	70,377	22,541	65,011
November[2]	105,324	21,847	65,288
October[2]	90,942	21,847	66,619
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Electric Lamps

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U.S. Department of Commerce
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APRIL 1986

M36D(86)-4
Issued June 1986

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VALUE OF DOMESTIC SHIPMENTS OF SELECTED ELECTRIC LAMPS: 1984 TO 1986

(Thousands of dollars)

Month and year	Large incandescent (except photo)	General lighting (vapor), high intensity	Fluorescent hot cathode
1986			
April	80,039	22,856	59,889
First quarter[1]	252,970	62,571	173,377
March[2]	79,943	23,448	66,506
February[2]	84,976	19,212	57,565
January[2]	88,051	19,911	49,306
1985			
Fourth quarter[1]	266,643	66,235	196,918
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July[2]	75,777	17,063	47,448

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Electric Lamps

MAY 1986

M36D(86)-5
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VALUE OF DOMESTIC SHIPMENTS OF SELECTED ELECTRIC LAMPS: 1984 TO 1986

(Thousands of dollars)

Month and year	Large incandescent (except photo)	General lighting (vapor), high intensity	Fluorescent hot cathode
1986			
May	61,802	19,265	57,627
April	80,039	22,856	59,889
First quarter[1]	242,285	58,842	166,199
March[2]	76,566	22,051	63,752
February[2]	81,387	18,067	55,182
January[2]	84,332	18,724	47,265
1985			
Fourth quarter[1]	274,145	65,983	193,851
December[2]	72,357	22,455	63,999
November[2]	108,287	21,764	64,271
October[2]	93,501	21,764	65,581
Third quarter[1]	227,424	52,720	163,689
September[2]	90,923	19,609	61,089
August[2]	68,362	16,451	53,856
July[2]	68,139	16,660	48,744
Second quarter[1]	210,775	53,588	173,980
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February[2]	86,252	17,411	51,958
January[2]	89,343	18,225	51,185
1984			
Fourth quarter[1]	281,783	68,109	187,030
December[2]	84,898	22,662	65,193
November[2]	86,507	22,564	59,862
October[2]	110,378	22,883	61,975
Third quarter[1]	232,754	53,986	163,270
September[2]	78,038	20,844	63,332
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CURRENT INDUSTRIAL REPORTS

Electric Lamps

U.S. Department of Commerce
BUREAU OF THE CENSUS

JUNE 1986

M36D(86)-6
Issued August 1986

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VALUE OF DOMESTIC SHIPMENTS OF SELECTED ELECTRIC LAMPS: 1984 TO 1986

(Thousands of dollars)

Month and year	Large incandescent (except photo)	General lighting (vapor), high intensity	Fluorescent hot cathode
1986			
Second quarter	213,601	62,723	181,623
June	71,760	20,602	64,107
May	61,802	19,265	57,627
April	80,039	22,856	59,889
First quarter[1]	242,285	58,842	166,199
March[2]	76,566	22,051	63,752
February[2]	81,387	18,067	55,182
January[2]	84,332	18,724	47,265
1985			
Fourth quarter[1]	274,145	65,983	193,851
December[2]	72,357	22,455	63,999
November[2]	108,287	21,764	64,271
October[2]	93,501	21,764	65,581
Third quarter[1]	227,424	52,720	163,689
September[2]	90,923	19,609	61,089
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February[2]	86,252	17,411	51,958
January[2]	89,343	18,225	51,185
1984			
Fourth quarter[1]	281,783	68,109	187,030
December[2]	84,898	22,662	65,193
November[2]	86,507	22,564	59,862
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CURRENT INDUSTRIAL REPORTS

Electric Lamps

U.S. Department of Commerce
BUREAU OF THE CENSUS

JULY 1986
M36D(86)-7
Issued September 1986

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VALUE OF DOMESTIC SHIPMENTS OF SELECTED ELECTRIC LAMPS: 1984 TO 1986

(Thousands of dollars)

Month and year	Large incandescent (except photo)	General lighting (vapor), high intensity	Fluorescent hot cathode
1986			
July	64,395	18,198	50,241
Second quarter	213,601	62,723	181,623
June	71,760	20,602	64,107
May	61,802	19,265	57,627
April	80,039	22,856	59,889
First quarter[1]	242,285	58,842	166,199
March[2]	76,566	22,051	63,752
February[2]	81,387	18,067	55,182
January[2]	84,332	18,724	47,265
1985			
Fourth quarter[1]	274,145	65,983	193,851
December[2]	72,357	22,455	63,999
November[2]	108,287	21,764	64,271
October[2]	93,501	21,764	65,581
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July[2]	68,139	16,660	48,744
Second quarter[1]	210,775	53,5[illegible]	173,980
June[2]	68,380	17,7[illegible]	58,234
May[2]	64,197	16,443	58,048
April[2]	78,198	19,356	57,698
First quarter[1]	261,441	57,490	167,137
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Fourth quarter[1]	281,783	68,109	187,030
December[2]	84,898	22,662	65,193
November[2]	86,507	22,564	59,862
October[2]	110,378	22,883	61,975
Third quarter[1]	232,754	53,986	163,270
September[2]	78,038	20,844	63,332
August[2]	78,939	16,079	52,490
July[2]	75,777	17,063	47,448

[1]Quarterly value of domestic shipments are based on a complete coverage survey for which results are published in Current Industrial Reports Series MQ36B, Electric Lamps.

[2]Monthly data are adjusted on the basis of a complete coverage survey for which results are published in Current Industrial Reports Series MQ36B, Electric Lamps.

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Electric Lamps

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VALUE OF DOMESTIC SHIPMENTS OF SELECTED ELECTRIC LAMPS: 1984 TO 1986

(Thousands of dollars)

Month and year	Large incandescent (except photo)	General lighting (vapor), high intensity	Fluorescent hot cathode
1986			
August	66,607	17,052	55,100
July	64,395	18,198	50,241
Second quarter[1]	206,974	59,903	178,915
June[2]	71,835	21,814	64,391
May[2]	60,926	17,495	57,436
April[2]	74,213	20,594	57,088
First quarter[1]	246,241	59,202	171,013
March[2]	77,816	22,186	65,599
February[2]	82,716	18,178	56,780
January[2]	85,709	18,838	48,634
1985			
Fourth quarter[1]	274,145	65,983	193,851
December[2]	72,357	22,455	63,999
November[2]	108,287	21,764	64,271
October[2]	93,501	21,764	65,581
Third quarter[1]	227,424	52,720	163,689
September[2]	90,923	19,609	61,089
August[2]	68,362	16,451	53,856
July[2]	68,139	16,660	48,744
Second quarter[1]	210,775	53,588	173,980
June[2]	68,380	17,789	58,234
May[2]	64,197	16,443	58,048
April[2]	78,198	19,356	57,698
First quarter[1]	261,441	57,490	167,137
March[2]	85,846	21,854	63,994
February[2]	86,252	17,411	51,958
January[2]	89,343	18,225	51,185
1984			
Fourth quarter[1]	281,783	68,109	187,030
December[2]	84,898	22,662	65,193
November[2]	86,507	22,564	59,862
October[2]	110,378	22,883	61,975
Third quarter[1]	232,754	53,986	163,270
September[2]	78,038	20,844	63,332
August[2]	78,939	16,079	52,490

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Electric Lamps

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SEPTEMBER 1986
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The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of electric lamps (bulbs). Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of the survey methodology and other related information may be found in the January 1986 publication, M36D(86)-1, issued March 1986.

VALUE OF DOMESTIC SHIPMENTS OF SELECTED ELECTRIC LAMPS: 1984 TO 1986

(Thousands of dollars)

Month and year	Large incandescent (except photo)	General lighting (vapor), high intensity	Fluorescent hot cathode
1986			
Third quarter	221,180	56,674	167,970
September	90,178	21,424	62,629
August	66,607	17,052	55,100
July	64,395	18,198	50,241
Second quarter[1]	206,974	59,903	178,915
June[2]	71,835	21,814	64,391
May[2]	60,926	17,495	57,436
April[2]	74,213	20,594	57,088
First quarter[1]	246,241	59,202	171,013
March[2]	77,816	22,186	65,599
February[2]	82,716	18,178	56,780
January[2]	85,709	18,838	48,634
1985			
Fourth quarter[1]	274,145	65,983	193,851
December[2]	72,357	22,455	63,999
November[2]	108,287	21,764	64,271
October[2]	93,501	21,764	65,581
Third quarter[1]	227,424	52,720	163,689
September[2]	90,923	19,609	61,089
August[2]	68,362	16,451	53,856
July[2]	68,139	16,660	48,744
Second quarter[1]	210,775	53,588	173,980
June[2]	68,380	17,789	58,234
May[2]	64,197	16,443	58,048
April[2]	78,198	19,356	57,698
First quarter[1]	261,441	57,490	167,137
March[2]	85,846	21,854	63,994
February[2]	86,252	17,411	51,958
January[2]	89,343	18,225	51,185
1984			
Fourth quarter[1]	281,783	68,109	187,030
December[2]	84,898	22,662	65,193
November[2]	86,507	22,564	59,862
October[2]	110,378	22,883	61,975
Third quarter[1]	232,754	53,986	163,270
September[2]	78,038	20,844	63,332

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[2]Monthly data are adjusted on the basis of a complete coverage survey for which results are published in Current Industrial Reports Series MQ36B, Electric Lamps.

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Electric Lamps

U.S. Department of Commerce
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VALUE OF DOMESTIC SHIPMENTS OF SELECTED ELECTRIC LAMPS: 1984 TO 1986

(Thousands of dollars)

Month and year	Large incandescent (except photo)	General lighting (vapor), high intensity	Fluorescent hot cathode
1986			
October	94,281	24,144	66,321
Third quarter	221,180	56,674	167,970
September	90,178	21,424	62,629
August	66,607	17,052	55,100
July	64,395	18,198	50,241
Second quarter[1]	206,974	59,903	178,915
June[2]	71,835	21,814	64,391
May[2]	60,926	17,495	57,436
April[2]	74,213	20,594	57,088
First quarter[1]	246,241	59,202	171,013
March[2]	77,816	22,186	65,599
February[2]	82,716	18,178	56,780
January[2]	85,709	18,838	48,634
1985			
Fourth quarter[1]	274,145	65,983	193,851
December[2]	72,357	22,455	63,999
November[2]	108,287	21,764	64,271
October[2]	93,501	21,764	65,581
Third quarter[1]	227,424	52,720	163,689
September[2]	90,923	19,609	61,089
August[2]	68,362	16,451	53,856
July[2]	68,139	16,660	48,744
Second quarter[1]	210,775	53,588	173,980
June[2]	68,380	17,789	58,234
May[2]	64,197	16,443	58,048
April[2]	78,198	19,356	57,698
First quarter[1]	261,441	57,490	167,137
March[2]	85,846	21,854	63,994
February[2]	86,252	17,411	51,958
January[2]	89,343	18,225	51,185
1984			
Fourth quarter[1]	281,783	68,109	187,030
December[2]	84,898	22,662	65,193
November[2]	86,507	22,564	59,862
October[2]	110,378	22,883	61,975
Third quarter[1]	232,754	53,986	163,270

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Electric Lamps

U.S. Department of Commerce
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NOVEMBER 1986

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VALUE OF DOMESTIC SHIPMENTS OF SELECTED ELECTRIC LAMPS: 1984 TO 1986

(Thousands of dollars)

Month and year	Large incandescent (except photo)	General lighting (vapor), high intensity	Fluorescent hot cathode
1986			
November	96,843	23,657	67,999
October	94,281	24,144	66,321
Third quarter[1]	214,028	53,507	165,285
September[2]	87,262	20,227	61,628
August[2]	64,453	16,099	54,219
July[2]	62,313	17,181	49,438
Second quarter[1]	206,974	59,903	178,915
June[2]	71,835	21,814	64,391
May[2]	60,926	17,495	57,436
April[2]	74,213	20,594	57,088
First quarter[1]	246,241	59,202	171,013
March[2]	77,816	22,186	65,599
February[2]	82,716	18,178	56,780
January[2]	85,709	18,838	48,634
1985			
Fourth quarter[1]	274,145	65,983	193,851
December[2]	72,357	22,455	63,999
November[2]	108,287	21,764	64,271
October[2]	93,501	21,764	65,581
Third quarter[1]	227,424	52,720	163,689
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July[2]	68,139	16,660	48,744
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June[2]	68,380	17,789	58,234
May[2]	64,197	16,443	58,048
April[2]	78,198	19,356	57,698
First quarter[1]	261,441	57,490	167,137
March[2]	85,846	21,854	63,994
February[2]	86,252	17,411	51,958
January[2]	89,343	18,225	51,185
1984			
Fourth quarter[1]	281,783	68,109	187,030
December[2]	84,898	22,662	65,193
November[2]	86,507	22,564	59,862
October[2]	110,378	22,883	61,975
Third quarter[1]	232,754	53,986	163,270

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Electric Lamps

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VALUE OF DOMESTIC SHIPMENTS OF SELECTED ELECTRIC LAMPS: 1984 TO 1986

(Thousands of dollars)

Month and year	Large incandescent (except photo)	General lighting (vapor), high intensity	Fluorescent hot cathode
1986			
Fourth quarter[1]	272,474	71,461	197,519
December	81,350	23,660	63,199
November	96,843	23,657	67,999
October	94,281	24,144	66,321
Third quarter[1]	214,028	53,507	165,285
September[2]	87,262	20,227	61,628
August[2]	64,453	16,099	54,219
July[2]	62,313	17,181	49,438
Second quarter[1]	206,974	59,903	178,915
June[2]	71,835	21,814	64,391
May[2]	60,926	17,495	57,436
April[2]	74,213	20,594	57,088
First quarter[1]	246,241	59,202	171,013
March[2]	77,816	22,186	65,599
February[2]	82,716	18,178	56,780
January[2]	85,709	18,838	48,634
1985			
Fourth quarter[1]	274,145	65,983	193,851
December[2]	72,357	22,455	63,999
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June[2]	68,380	17,789	58,234
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April[2]	78,198	19,356	57,698
First quarter[1]	261,441	57,490	167,137
March[2]	85,846	21,854	63,994
February[2]	86,252	17,411	51,958
January[2]	89,343	18,225	51,185
1984			
Fourth quarter[1]	281,783	68,109	187,030
December[2]	84,898	22,662	65,193
November[2]	86,507	22,564	59,862
October[2]	110,378	22,883	61,975

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